

PRESS RELEASE

Indo-Belgium initiative supports Navi Mumbai Municipal Corporation's objective to convert sewage into industrial grade water

- *Dr. Ramaswami N, Municipal Commissioner, Navi Mumbai Municipal Corporation along with Mr. Pieter De Crem, Belgium's Secretary of State for Foreign Trade visit Ion Exchange (India) Limited's advanced sewage treatment and recycle plant using VITO NV's IPC MBR Membrane technology at Navi Mumbai Municipal Corporation's sewage treatment facility*

Mumbai, 27 April, 2017

Dr. Ramaswami N, Municipal Commissioner, Navi Mumbai Municipal Corporation and Mr. Ajay Popat, President, Ion Exchange (India) Ltd. welcomed Mr. Pieter De Crem, Secretary of State for Foreign Trade, Belgium at the recently commissioned technologically advanced Sewage Treatment and Recycle Plant. The plant has been set up by Ion Exchange (India) Ltd. in collaboration with Europe's leading research and technology institute VITO NV, Belgium at the sewage treatment facility of the Navi Mumbai Municipal Corporation. The main purpose of the visit was to view the state-of-the-art facility and understand the treatment process involved in producing good quality water which is being used as an alternate source of water at the Corporation's premises.

Installed as a pilot plant in India, the facility uses VITO's proprietary IPC MBR Membrane technology. The plant has a capacity of 100 m³/d and offers significant advantages as compared to conventional MBR Membranes in performance and lifecycle costs of the recycle system. The treated water is clear, as good as fresh water and can be used by industries as a substitute for municipal water thereby meeting a dual objective of sewage treatment and generating an alternate source of water using sewage.

Adding to this, Mr. Ajay Popat, President, Ion Exchange, said, "We understand the importance of waste treatment and have consistently worked towards providing solutions that are best in the industry. Our partnership with VITO has enabled us to get a highly competitive and modular technology in the sewage treatment space. The pilot MBR technology plant was set up in November 2016 and the result has been very good. The lower sludge production, very stable operations, fully automated plant and lower operating costs is what sets this sewage treatment plant apart from the rest. The technology used has helped reduce the cost per unit of treated water even further so as to make it affordable for use by industries, institutions, etc. as an alternate source of water. We have very successfully and swiftly managed to meet the requirements of Navi Mumbai Municipal Corporation by treating sewage and making it suitable for industrial use. Due to its modular design, the technology can be installed in housing complexes, hotels, institutions for similar purposes"

Mr. Mohan B. Dagaonkar, City Engineer, Navi Mumbai Municipal Corporation and his team have been involved in this project aimed at infusing state-of-the-art technology at an affordable cost to recycle treated sewage.

Mr. Dirk Fransaer, Managing Director, VITO NV present on the occasion acknowledged his gratitude to the Navi Mumbai Municipal Corporation for providing them with an opportunity to demonstrate the technology developed by VITO along with its Indian partner Ion Exchange. He further mentioned, as another step towards sustainability, VITO NV and Ion Exchange (India) Limited together with an

European partner will soon be installing a demonstration project to convert organic kitchen waste generated by homes, hotels, etc. along with sludge from sewage treatment plants into energy. Like the MBR system, this technology will be modular and will generate clean water, power and organic fertilizer.

About VITO NV

VITO NV is a leading European independent research and technology organisation in the areas of clean tech and sustainable development, elaborating solutions for the large societal challenges of today.

VITO provides innovative and high-quality solutions, whereby large and small companies can gain a competitive advantage, and advises industry and governments on determining their policy for the future. VITO has 750 highly-qualified employees who work on international projects all around the world. VITO's headquarter is located in Mol, Belgium, and the company has a subsidiary in China.

For more information visit <https://vito.be/en>

About Ion Exchange (India) Limited

A pioneer of water treatment in India with a legacy spanning over five decades, Ion Exchange (India) Limited is recognised internationally as a premier company in water and environment management. Ion Exchange is among the largest environment solutions providers, one of very few companies worldwide with a complete range of technologies, products and comprehensive 24/7 service support. This enables us to offer total solutions for every sector of society – industries, homes & communities.

With sales, production and service footprints across the globe, Ion Exchange serves its markets with a sustained focus on customer satisfaction, technological innovation and dedicated service. Their capability to deliver comprehensive solutions with complete technical support makes them a partner to depend on.

Specialists in water and waste water, Ion Exchange offers total water and environment management solutions for all sectors - infrastructure, industry, institutions, municipal, homes and communities, urban and rural.

360° environment management adds value across the entire circuit - from influent water through potable and industrial process water to effluent/sewage treatment and water recycle for zero discharge and waste to energy projects for solid waste management.

Manufacturer of world class ion exchange resins for water and non-water speciality applications, membranes, water treatment chemicals and speciality process chemicals, in ISO 9001, 14001 and OHSAS 18001 certified facilities.

Design and supply of water, process liquid, waste water treatment, water recycle plants - packaged, pre-engineered and custom-built, on turnkey, BOT and EPC basis.

For more information, kindly visit www.ionindia.com